

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DKT. NO.
500.38056CC4SERIAL NO.
10/715,387O I P E
SEP 26 2003
PATENT & TRADEMARK OFFICEINFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

APPLICANT
WAKABAYASHI, et al.FILING DATE
November 19, 2003GROUP
2655

PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation /Abstract	
						Yes	No
UR	AM	8-124167	5-17-96	Japan		X	
	AN						
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	
	AV	
	AW	
	AX	
	AY	
	AZ	
Examiner	Cef Pdc	Date Considered 12/12/05

Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 500.38056CC4	SERIAL NO. Unassigned
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Kouichirou WAKABAYASHI <i>et al.</i>	
		FILING DATE 19 November 2003	GROUP Unassigned

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
<i>CR</i>	AA	5,881,039	03/1999	Sano <i>et al.</i>			
	AB	5,761,172	06/1998	Minemura <i>et al.</i>			
	AC	5,418,770	05/1995	Ide <i>et al.</i>			
	AD	5,166,914	11/1992	Shimada <i>et al.</i>			
	AE	5,781,590	07/1998	Shiokawa <i>et al.</i>			
	AF	5,898,654	04/1999	Shimada <i>et al.</i>			
	AG	5,297,165	03/1994	Ueda <i>et al.</i>			
	AH	5,543,978	08/1996	Park			
	AI	5,572,503	11/1996	Satoh <i>et al.</i>			
	AJ	5,680,380	10/1997	Taguchi <i>et al.</i>			
	AK	5,808,988	09/1998	Maeda <i>et al.</i>			
<i>CR</i>	AL	5,999,349	12/1999	Choi			

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation/Abstract	
							Yes	No
<i>CR</i>	AM	0375342 A2	06/1990	EP				
	AN	05-020614	01/1993	JP				
	AO	05-120798	05/1993	JP				
	AP	06-290463	10/1994	JP				
	AQ	08-129789	05/1996	JP				
	AR	09-180374	07/1997	JP				
	AS	10-106161	04/1998	JP				
<i>CR</i>	AT	10-112031	04/1998	JP				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>CR</i>	AU	J. Opt. Soc. Am., Vol. 69, No. 1, January 1979, pp. 4-24.
	AV	
	AW	
	AX	
	AY	
	AZ	
Examiner <i>CRP</i>		Date C nsid red 12/12/05

Form PTO-1449
EquivalentU.S. DEPARTMENT OF COMMERCE
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Kouichirou WAKABAYASHI *et al.*

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U.S. PATENT DOCUMENTS

Ex. Initial	Doc. No.	Date	Name	Class	Subclass	Filing Date
<i>AK</i>	AA	5,572,503 A	11/05/1996	Satoh <i>et al.</i>		
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					

U.S. PATENT APPLICATIONS

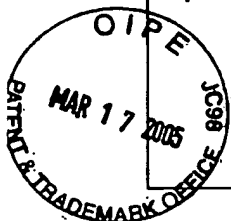
	Publication Number	Name	Publication Date
AI			
AJ			
AK			
AL			

FOREIGN PATENT DOCUMENTS

	Doc. No.	Date	Country	Class	Subclass	Translation/Abstract?	
						Yes	No
<i>AM</i>	AM	07-169055 A	07/04/1995	JP	1	Abstract	
<i>AN</i>	AN	10-112031 A	04/28/1998	JP	1	Abstract	
	AO						
	AP						
	AQ						

OTHER DOCUMENTS

	AR	
	AS	
	AT	
Examiner <i>ARP</i>		Date Considered 12/12/05



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	AF 5,898,654	04/1999	Shimada <i>et al.</i>			
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	AO 05-120798	05/1993	JP				
	AP 06-290463	10/1994	JP				
	AQ 08-129789	05/1996	JP				
	AR 09-180374	07/1997	JP				
<i>CR</i>	AS 10-108161	04/1998	JP				
	AT 10-112031	04/1998	JP				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>CD</i>	AU	J. Opt. Soc. Am., Vol. 69, No. 1, January 1979, pp. 4-24.	<i>no day</i>
	AV		
	AW		
	AX		
	AY		
	AZ		
Examiner <i>CRP</i>			Date C paid <i>7/16/05</i>

Notice of References Cited	Application/Control No. 10/715,387	Applicant(s)/Patent Under Reexamination WAKABAYASHI ET AL.	
	Examiner Gautam R. Patel	Art Unit 2655	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-8,108,687	03-2004	Hayashi, Hideki	360/05
	B	US-6,480,447	11-2002	Wakabayashi et al.	069/47.17
	C	US-5,442,615	08-1995	Ohsato et al.	369/100
	D	US-5,781,521	07-1998	Kim, Dae-Young	369/59.2
	E	US-6,444,188	10-2000	Takahashi et al.	360/68
	F	US-5,757,758	05-1998	Yagi et al.	369/412.25
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
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	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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Notice of References Cited

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